
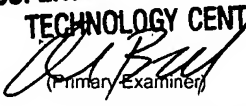


|  |                 |                         |  |
|--|-----------------|-------------------------|--|
| <b>Issue Classification</b><br> | Application No. | Applicant(s)            |  |
|  | 10/087,513      | BUTTERFIELD, CHARLES A. |  |
|  | Examiner        | Art Unit                |  |
|  | Jennifer H Gay  | 3672                    |  |

| ISSUE CLASSIFICATION         |          |   |   |       |                    |                                   |       |     |     |  |
|------------------------------|----------|---|---|-------|--------------------|-----------------------------------|-------|-----|-----|--|
| ORIGINAL                     |          |   |   |       | CROSS REFERENCE(S) |                                   |       |     |     |  |
| CLASS                        | SUBCLASS |   |   |       | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |     |     |  |
| 166                          | 386      |   |   |       | 166                | 75.15                             | 177.3 | 188 | 373 |  |
| INTERNATIONAL CLASSIFICATION |          |   |   |       |                    |                                   |       |     |     |  |
| E                            | 2        | 1 | B | 33/08 |                    |                                   |       |     |     |  |
| E                            | 2        | 1 | B | 33/13 |                    |                                   |       |     |     |  |
|                              |          |   |   | /     |                    |                                   |       |     |     |  |
|                              |          |   |   | /     |                    |                                   |       |     |     |  |
|                              |          |   |   | /     |                    |                                   |       |     |     |  |

|   |  |  |  |                              |                             |
|---|--|--|--|------------------------------|-----------------------------|
| Jennifer Gay 3/22/04<br>(Assistant Examiner) (Date) |  | DAVID BAGNELL<br>SUPERVISORY PATENT EXAMINER<br>TECHNOLOGY CENTER 3600<br> 3/25/04<br>(Primary Examiner) (Date) |  | Total Claims Allowed: 40     |                             |
| (Legal Instruments Examiner) (Date)                 |  |  |  | O.G.<br>Print Claim(s)<br>30 | O.G.<br>Print Fig.<br>1A,2A |

|  |          |       |          |                              |          |       |          |                               |          |       |          |                                 |          |  |  |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|--|--|
| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |  |  |
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original |  |  |
| 1  | 1        | 31    | 31       |                              | 61       |       | 91       |                               | 121      |       | 151      |                                 | 181      |  |  |
| 2  | 2        | 32    | 32       |                              | 62       |       | 92       |                               | 122      |       | 152      |                                 | 182      |  |  |
| 3  | 3        | 33    | 33       |                              | 63       |       | 93       |                               | 123      |       | 153      |                                 | 183      |  |  |
| 6  | 4        | 34    | 34       |                              | 64       |       | 94       |                               | 124      |       | 154      |                                 | 184      |  |  |
| 7  | 5        | 35    | 35       |                              | 65       |       | 95       |                               | 125      |       | 155      |                                 | 185      |  |  |
| 4  | 6        | 36    | 36       |                              | 66       |       | 96       |                               | 126      |       | 156      |                                 | 186      |  |  |
| 5  | 7        | 37    | 37       |                              | 67       |       | 97       |                               | 127      |       | 157      |                                 | 187      |  |  |
| 8  | 8        | 38    | 38       |                              | 68       |       | 98       |                               | 128      |       | 158      |                                 | 188      |  |  |
| 9  | 9        | 39    | 39       |                              | 69       |       | 99       |                               | 129      |       | 159      |                                 | 189      |  |  |
| 10   | 10       | 40    | 40       |                              | 70       |       | 100      |                               | 130      |       | 160      |                                 | 190      |  |  |
| 11   | 11       |       | 41       |                              | 71       |       | 101      |                               | 131      |       | 161      |                                 | 191      |  |  |
| 12   | 12       |       | 42       |                              | 72       |       | 102      |                               | 132      |       | 162      |                                 | 192      |  |  |
| 19   | 13       |       | 43       |                              | 73       |       | 103      |                               | 133      |       | 163      |                                 | 193      |  |  |
| 13   | 14       |       | 44       |                              | 74       |       | 104      |                               | 134      |       | 164      |                                 | 194      |  |  |
| 20   | 15       |       | 45       |                              | 75       |       | 105      |                               | 135      |       | 165      |                                 | 195      |  |  |
| 21   | 16       |       | 46       |                              | 76       |       | 106      |                               | 136      |       | 166      |                                 | 196      |  |  |
| 18   | 17       |       | 47       |                              | 77       |       | 107      |                               | 137      |       | 167      |                                 | 197      |  |  |
| 22   | 18       |       | 48       |                              | 78       |       | 108      |                               | 138      |       | 168      |                                 | 198      |  |  |
| 23   | 19       |       | 49       |                              | 79       |       | 109      |                               | 139      |       | 169      |                                 | 199      |  |  |
| 24   | 20       |       | 50       |                              | 80       |       | 110      |                               | 140      |       | 170      |                                 | 200      |  |  |
| 28   | 21       |       | 51       |                              | 81       |       | 111      |                               | 141      |       | 171      |                                 | 201      |  |  |
| 26   | 22       |       | 52       |                              | 82       |       | 112      |                               | 142      |       | 172      |                                 | 202      |  |  |
| 28   | 23       |       | 53       |                              | 83       |       | 113      |                               | 143      |       | 173      |                                 | 203      |  |  |
| 29   | 24       |       | 54       |                              | 84       |       | 114      |                               | 144      |       | 174      |                                 | 204      |  |  |
| 27   | 25       |       | 55       |                              | 85       |       | 115      |                               | 145      |       | 175      |                                 | 205      |  |  |
| 14   | 26       |       | 56       |                              | 86       |       | 116      |                               | 146      |       | 176      |                                 | 206      |  |  |
| 15   | 27       |       | 57       |                              | 87       |       | 117      |                               | 147      |       | 177      |                                 | 207      |  |  |
| 16   | 28       |       | 58       |                              | 88       |       | 118      |                               | 148      |       | 178      |                                 | 208      |  |  |
| 17   | 29       |       | 59       |                              | 89       |       | 119      |                               | 149      |       | 179      |                                 | 209      |  |  |
| 30   | 30       |       | 60       |                              | 90       |       | 120      |                               | 150      |       | 180      |                                 | 210      |  |  |